

L1           STRUCTURE UPLOADED

=> d

L1 HAS NO ANSWERS

L1           STR

\* STRUCTURE DIAGRAM TOO LARGE FOR DISPLAY - AVAILABLE VIA OFFLINE PRINT \*

Structure attributes must be viewed using STN Express query preparation.

=> s l1 sss sam

SAMPLE SEARCH INITIATED 17:45:24 FILE 'CASREACT'

SCREENING COMPLETE -           0 REACTIONS TO VERIFY FROM           0 DOCUMENTS

100.0% DONE           0 VERIFIED           0 HIT RXNS           0 DOCS

SEARCH TIME: 00.00.01

FULL FILE PROJECTIONS:   ONLINE   \*\*COMPLETE\*\*

BATCH   \*\*COMPLETE\*\*

PROJECTED VERIFICATIONS:       0 TO       0

PROJECTED ANSWERS:           0 TO       0

L2           0 SEA SSS SAM L1 (       0 REACTIONS)

=> s l1 sss full

THE ESTIMATED SEARCH COST FOR FILE 'CASREACT' IS 122.65 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N or END:y

FULL SEARCH INITIATED 17:45:54 FILE 'CASREACT'

SCREENING COMPLETE -           88 REACTIONS TO VERIFY FROM       11 DOCUMENTS

100.0% DONE           88 VERIFIED           7 HIT RXNS           2 DOCS

SEARCH TIME: 00.00.01

L3           2 SEA SSS FUL L1 (       7 REACTIONS)

=> d 1-2

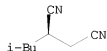
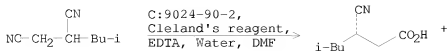
THE ESTIMATED COST FOR THIS REQUEST IS 6.12 U.S. DOLLARS

DO YOU WANT TO CONTINUE WITH THIS REQUEST? (Y)/N:y

L3   ANSWER 1 OF 2   CASREACT   COPYRIGHT 2009 ACS on STN

10/923,271

RX(1) OF 1



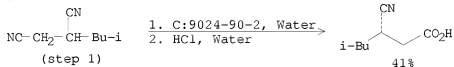
REF: Journal of Molecular Catalysis B: Enzymatic, 41(3-4), 75-80; 2006

NOTE: stereoselective, regioselective, key intermediate, biotransformation, enzymic resolution, E = >150, phosphate buffered solution used, screening of nitrilases, Escherichia coli cell lysate expressing mutant C236S nitrilase (AtNit1) from Arabidopsis thaliana used

CON: 2 hours, room temperature, pH 7.5

L3 ANSWER 2 OF 2 CASREACT COPYRIGHT 2009 ACS on STN

RX(2) OF 21



REF: PCT Int. Appl., 2005100580, 27 Oct 2005

NOTE: biotransformation, enzymic, stereoselective, NIT-102 used, alternative enzymes and reaction conditions gave similar or lower yields, buffered soln.

CON: STAGE(1) 12.5 hours, 30 deg C, pH 7.5  
STAGE(2) pH 2.5

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